BBWI FORM
PROC-1811b
05/01

CONTRACT NO. 00028777
BECHTEL BWXT IDAHO, LLC (BBWI)

2525 Fremont Avenue
P. O. Box 1625, Idaho Falls, ID 83415-3975
OPERATING UNDER U. S. GOVERNMENT CONTRACT NO. DE-AC07-99ID13727

To: Rubb, Inc.
1 Rubb Ln
Sanford, ME 04073
To: James Danforth
Phone: (800) 289-7822
Fax No.: (207) 324-2347

Effective Date: 02/19/2004

Completion Date: 09/30/2006

1. STATEMENT OF WORK

1.1. Rubb, Inc. (Subcontractor) shall furnish the following goods and services, in accordance with the requirements, terms and conditions specified or referenced in this Contract:

Item No.	Qty	UOM	Description
1	30	Months	Lease of ARP Retrieval Building with Airlock per Specification No. 518. Pricing is firm through Option No. 2. Lease rate of [redacted] month shall be reduced to [redacted] month for any contract amendments extending the term beyond 30 months.
2	01	Each	Mobilization/Shipping
3	30	Days	On-Site (At INEEL) Technical Support to provide oversight on building erection.
4	01	Each	Travel Reimbursement
5	01	Each	Demobilization/Shipping

Subcontract Administrator: Robert T. Crowton	Telephone: (208) 526-7746	Ceiling Price: [redacted]
Ship via: Supplier Method	F.O.B./Trans.: Destination / Allowed	Cash Terms: Net 30

Billing Address:
Accounts Payable
BBWI
P. O. Box 1625
Idaho Falls, ID 83415-3117
Robert T. Crowton

Ship-To Address
BBWI
INEEL
CFA-601/RWMC
Scoville, ID 83415
Attn: Contract # 00028777
& PO #28775

PQA-04
FEB 19 2004
PSQ APPROVAL & VALIDATION

Signed: _____ 2/23/04
R. James Simonds, Bechtel BWXT Idaho, LLC — Date

Title: Acting Director, Supply Chain Management

Signed: _____ 3/15/04
(Subcontractors Official) — Date

Title: VP/GM

Please return one signed copy of this Contract to BBWI.

2. RESOURCES

2.1. The Subcontractor shall provide all resources, e.g., materials, labor, and equipment, necessary to fulfill the requirements of this Contract, except as otherwise specified.

3. APPLICABLE DOCUMENTS

3.1. The following documents are incorporated into, and become a part of, this Contract:

3.1.1. Specification No. SPC-518, entitled "Retrieval and Airlock Tents for the Accelerated Retrieval Enclosure for Area G, WMF-697," dated 01/14/2004.

3.1.2. Quality Clauses Applicable to Contract No. 00028777.

3.1.3. Subcontractor Requirements Manual, required parts identified in Form 540.10, "Subcontractor Requirements Manual (SRM) Applicability," applicable to Contract No. 00028777 (http://www.inel.gov/procurement/subcontractor-info.asp). The Subcontractor and all lower-tiers shall perform work in accordance with the SRM, to the extent specified therein. The Subcontract Administrator (SA) shall notify the Subcontractor of changes to the SRM. The Subcontractor shall notify the SA within 15 days of the notification if any material impact on cost or schedule results from the SRM change. The notice shall include an assessment of the cost or schedule impact associated with the SRM change. The SA shall provide direction to proceed or not proceed with the SRM change. If direction is provided to proceed, the Subcontractor must proceed with the execution of the work as modified by the SRM change and a request for equitable adjustment may be submitted by the Subcontractor consistent with the Changes clause.

3.1.4. Form 472.46, "Subcontractor Termination Checklist."

3.1.5. Subcontracting Plan for Contract No. 00028777.

3.1.6. Form 431.14 (08-01-01 Rev. #03), "Vendor Data Schedule."

3.1.7. Form 431.13 (7-16-01 Rev. #2), "Vendor Data Transmittal and Disposition Form."

3.1.8. Form 414.12B# (01-15-99 Rev. #06), "ASME NQA-1 Applicability Matrix."

3.1.9. Suspect Fastener Headmark List.

3.1.10. Form 540.33, "Information/Change Request."

3.1.11. Form 414.20# (04-97 Rev. #01) "Supplier Quality Release."

3.1.12. Form PROC-1861, "Occurrence Notification and Reporting by the Supplier."

3.1.13. Depreciation and Payment Credit Schedule.

4. TERMS AND CONDITIONS

4.1. General Provisions: The following document is incorporated by reference and hereby forms a part of this action: Bechtel BWXT Idaho, LLC General Provisions for Nonconstruction Subcontracts and Purchase Orders, Form PROC-183 Rev. April 2003. Note: BBWI's General Provisions are available at the following Internet address:
http://www.inel.gov/procurement/formsdocuments.asp

4.2. Certification of Eligibility: Subcontractor, by entering into this Contract, certifies that it is not debarred, or proposed for debarment, or suspended or has not otherwise been declared ineligible from receiving Federal contracts. Disclosure that Subcontractor was ineligible for Federal contracts on or before the effective date of this Contract shall constitute an additional basis for termination under the Default Article of the General Provisions.

4.3. Sales Tax: BBWI has been granted Direct Pay Authority for Idaho Sales Tax by the Idaho Tax Commission.

4.4. Insurance: Prior to Subcontractor acquiring access to the INEEL to initiate on-site work required under this Contract, Subcontractor shall provide BBWI with written evidence of insurance.

4.5. Hazards Training: Pursuant to 29 CFR 1910,1200, BBWI will provide Subcontractor's personnel with necessary information and training for any hazards to which Subcontractor's personnel may be exposed while working at the INEEL.

4.6. Subcontractor Resources: Subcontractor shall supply a desk, telephone, personal computer with internet access, use of copy machine and fax machine, and lockable file cabinet for a BBWI Quality Inspector to enable performance of the inspector's duties while in residence at the Subcontractor's facility.

4.7. Responsibility of Subcontractor: Subcontractor shall be responsible for the professional quality and technical accuracy of services provided under this Contract. Subcontractor shall perform all rework required due to errors and/or omissions by Subcontractor's personnel at no charge to BBWI. Neither BBWI's review, approval, or acceptance of, nor payment for, the services required under this Contract shall be construed to operate as a waiver of any rights under this Contract or of any cause of action arising out of the performance of this Contract, and Subcontractor shall be and remain liable to BBWI in accordance with applicable law for all reperformance of services caused by Subcontractor's own negligent performance of any of the services furnished under this Contract or any errors, omissions, or deficiencies. The rights and remedies of BBWI provided for under this Contract are in addition to any other rights and remedies provided by law. If Subcontractor is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder. This paragraph takes precedence over all other clauses, provisions or articles in this Contract or applicable General Provisions.

4.8. Sensitive Information: When Subcontractor's employee(s) will, or could have, access to sensitive information pertaining to any business or government agency, Subcontractor shall ensure that its employee(s) is aware of the necessity to safeguard such information by not disclosing it to individuals or companies outside of BBWI.

4.9. On-Site Equipment Use Requirements: All equipment, (vehicles, machinery and/or hand tools) used by the Subcontractor to perform work at the INEEL must be in good working condition for the purpose intended and meet all applicable codes and standards. Such equipment must be used and maintained only as intended by the manufacturer and in accordance with the manufacturer's instructions and limitations. The equipment must be free of defects and suitable for safe performance of the work. Contractor reserves the right, in its sole discretion, to conduct cursory inspections of subcontractor equipment prior to use. Equipment found to be unsatisfactory by the Contractor shall be promptly repaired or removed from the premises and replaced with satisfactory items at no cost to the Contractor. Contractor inspections, whether or not any equipment is found to be unsatisfactory or whether or not any defects are found by such

inspections, do not relieve the Subcontractor of any responsibility or liability under this Article or for performing the work in a safe manner.

4.10. Supplier Performance Evaluation System (SPES): BBWI evaluates Subcontractor performance in accordance with the SPES. The Subcontractor shall be formally evaluated no less than quarterly as applicable, and upon completion of the work. A minimum score of 80 points out of 100 is required to maintain approved status. Information concerning the SPES is available for review at : http://www.inel.gov/procurement/subcontractor-info.asp. Select INEEL Supplier Management Program.

4.11. Security Requirements

4.11.1. Subcontractor personnel performing on-site services under this Contract shall have a Building Access Only (BAO) clearance. Unless otherwise approved by BBWI in writing, Subcontractor personnel (including lower-tier Subcontractors) must be U. S. citizens to gain admittance to the site. Subcontractor shall request the number of security packets, from the BBWI Procurement Agent, needed for this Contract.

4.11.2. Within one week after placement of the Contract, Subcontractor must submit to BBWI Security a completed security packet for each person requiring BAO clearance. Approximately three weeks are required to process a BAO clearance after BBWI's receipt of an acceptable security packet.

4.11.3. The Subcontractor must obtain a sufficient number of BAO clearances to provide a margin for illnesses, personnel terminations and individuals whose clearances require extended processing time.

4.11.4. Subcontractor's failure to obtain sufficient BAO clearances to have a crew of sufficient size BAO-cleared in time to meet completion/delivery requirements may result in termination of the Contract for default.

4.12. Byrd Amendment: Subcontractor shall comply with FAR 52.203-12, Limitations on Payments to Influence Certain Federal Transactions.

4.13. Anti-Kickback Act: By acceptance of this Contract, Subcontractor certifies that it has not and shall not make or solicit kickbacks in violation of the Anti-Kickback Act of 1986.

4.14. Toxic Chemical Release Inventory Reporting

4.14.1. As used in this clause, "Toxic Chemical Release Inventory Reporting," the Emergency Planning and Community Right to Know Act of 1986 (42 U.S.C. 11001-11050) (EPCRA) and the Pollution Prevention Act of 1990 (42 U.S.C. 13101-13109)(PPA), established programs to protect public health and the environment. Under these Acts, certain businesses are required to submit reports each year on the amounts of toxic chemicals their facilities release into the environment.

4.14.2. The Subcontractor shall comply with its certification entitled, "Certification of Filing Toxic Chemical Release Inventory Reporting Form (Form R)," which was part of its proposal and is expressly incorporated herein by reference.

4.14.3. The Subcontractor shall insert in all first tier subcontracts a clause substantially the same as this clause (without this paragraph).

4.14.4. Remedies. If the Subcontractor inaccurately, incompletely or falsely certified as to a facility's compliance with the reporting requirements of EPCRA section 313 and PPA section 6607, or if any of the Subcontractor's facilities has deliberately not filed a Toxic Chemical Release Form, or deliberately not submitted complete information, BBWI may terminate the Subcontract or take other appropriate action.

4.15. Asbestos Containing Materials: The Subcontractor, (Subcontractor is defined to include the subcontractor, its officers, agents, employees, and all lower-tier subcontractors), shall not use asbestos containing materials (ACM), as defined in 29 CFR 1910.1001, in the work provided under this Contract. By entering into this Contract, Subcontractor certifies that the item(s) provided under this Contract will not contain any ACM. The Subcontractor acknowledges that BBWI and DOE have responsibilities to employees at the INEEL facilities per 29 CFR 1910.1001 to determine the presence, location, and quantity of ACM and to provide this information to employees. The Subcontractor acknowledges that this legal responsibility cannot be met and that BBWI may incur liability, if the Subcontractor uses any ACM in performance of this Contract. The Subcontractor indemnifies DOE and BBWI against all liability and costs resulting from Subcontractor's use of any ACM in work provided under this Contract and for all legal fees and costs incurred in enforcing this indemnification.

4.16. Information Change Requests: All Subcontractor requests for information or change during the performance period shall be transmitted to BBWI using Form 540.33, Information/Change Request (I/CR). I/CRs shall be prepared and completed in accordance with the form instructions and submitted directly to the Procurement Agent. Form 540.33 is available at: http://www.inel.gov/procurement/formsdocuments.asp.

4.17. Technical Changes: Technical changes to the Contract are authorized only upon receipt and acceptance of Form 540.32, Procurement Change Notice.

5. PRICE

5.1. The ceiling price of this Contract is [redacted] however, this contract shall be incrementally funded as outlined within Section 5.2 (below) – Limitation of Funds.

5.2. Limitation of Funds: Maximum funding of [redacted] is available for this Contract from the date of award until otherwise notified, in writing, by the Subcontract Administrator. Subcontractor shall not exceed this maximum funding limitation, unless prior BBWI approval, in writing, is obtained by the Procurement Agent. BBWI's obligation for performance of this Contract beyond [redacted] is contingent upon the availability of appropriated funds. No liability on the part of BBWI for any payment may arise for performance under this Contract beyond [redacted]

5.3. Lease Option: The lease term shall include an initial term from contract award through September 30, 2004. After this period, BBWI shall maintain the right to exercise, or not, at the sole discretion of Contractor, the Government or assignee, an annual option. Should Contractor elect not to exercise any option, Subcontractor shall be reimbursed for the value of the Structure in accordance with the attached Depreciation and Payment Credit Schedule. Options periods are as follows:

5.3.1. Lease Option No. 1 – Term shall be October 1, 2004 through September 30, 2005

5.3.2. Lease Option No. 2 – Term shall be October 1, 2005 through September 30, 2006

5.4. Contamination Compensation: Should the Accelerated Retrieval Structure become contaminated and decontamination proves impracticable, as determined by Contractor, Contractor shall reimburse Subcontractor for the depreciated value of the Structure in accordance with the attached Depreciation and Payment Credit Schedule. Contractor shall continue to pay a monthly lease until such time as Contractor elects to reimburse Subcontractor, in full, the depreciated value of the Structure as outlined within the Schedule.

5.5. Travel Expenses: The Subcontractor shall be reimbursed for travel expenses, e.g., airfare, per diem, lodging, and car rental, associated with BBWI-authorized travel, in accordance with FAR 31.205-46 (excluding travel expenses for local travel, which includes travel to and from the INEEL site. The Subcontractor shall be reimbursed for airfare as follows: First-class air travel in excess of the cost of less than first-class air accommodations shall not be allowed, except when less than first-class accommodations are not reasonably available to meet necessary assignment requirements, such as, where less than first-class accommodations would: (1) require circuitous routing; (2) require travel during unreasonable hours; (3) greatly increase duration of the flight; (4) result in additional costs which would offset the transportation savings; and (5) offer accommodations which are not reasonably adequate for the medical need of the traveler. The Subcontractor shall be reimbursed for mileage between office, home, or motel and airports. The Subcontractor shall also be reimbursed for taxi services between office, home, or motel and airports and parking expenses of personal car at airports. For these purposes only, travel by personal car will be reimbursed at the maximum rate per mile allowed under the Federal Travel Regulations (FTRs) in effect at the time such travel is performed. The allowance for the first and last day of travel is 75% of the per diem amount for the geographical area being visited. Travel expense receipts must be submitted for air fare, lodging, and car rental.

5.6. Temporary Living Expenses: Subcontractor employees on temporary assignment shall receive lodging, meals and incidental expense per diem in accordance with the prevailing FTR for the first 60 calendar days of the temporary assignment or until semi-permanent housing is obtained. After the first 60 days or after semi-permanent housing is obtained (whichever comes first), the allowance for lodging, meals, and incidental expenses will be reduced to 65 percent of the allowable per diem for the location of the assignment. While on per diem, receipts for lodging expenses will be required. No receipts will be required for reimbursement once semi-permanent housing is obtained or 60 days has expired. The lodging portion of the per diem allowance for temporary assignees will not be disallowed except when an absence from the temporary assignment location is sufficiently long to warrant termination of lodging arrangements. After 12 months of continuous service, BBWI payment of per diem expense will be discontinued.

6. COMPLETION DATE

6.1. The expiration date of this Contract is September 30, 2006.

6.2. A significant portion (e.g. Airlock Structure, Wide Flange Foundation Beam for both Airlock and Retrieval Structures and First Midbay (50') Retrieval Structure Module or equivalent) of the Retrieval Structure shall be delivered to Contractor sufficiently early to allow site fabrication to begin April 1, 2004. If partial shipments are required, partial shipments shall continue to be delivered to the Contractor in accordance with a schedule as not to interrupt continuous site fabrication and assembly.

6.3. No deliveries will be received on Fridays, Saturdays, Sundays or Holidays, nor after 3:30 p.m. Monday through Thursday, unless specific prior authorization is obtained from one of the BBWI personnel identified in the "Administration and Legal Jurisdiction" paragraph.

6.4. Because of security requirements at the Idaho National Engineering & Environmental Laboratory, the driver of the delivery truck (and any passengers) must be legal citizens of the United States of America and must possess identification of proof thereof.

6.5. Shipping/Transportation Terms

6.5.1. The Subcontractor shall own the goods in transit and file any claim for damage in shipment. Subcontractor shall pay the carrier and bear the costs.

6.5.2. This Contract shall be shipped in complete sections. Partial shipments will not be accepted.

6.5.3. The Contract number must appear on all shipping containers, documents, invoices, and correspondence.

6.5.4. Goods shall be shipped to: Bechtel BWXT Idaho, LLC, Idaho National Engineering and Environmental Laboratory, CFA-601 or RWMC (as directed by Contractor), Scoville, ID 83415 Contract No. 00028777.

6.5.5. All containers shall include detailed packing lists.

7. INSPECTION/ACCEPTANCE

7.1. Due to the quality significance of the goods and services being acquired by this Contract, Subcontractor's attention is directed to Article A.7 of the General Provisions. This emphasis shall not be construed in any way to diminish the mandate to comply with, or the enforceability of, any of the General Provisions or other requirements applicable to this Contract.

7.2. Final inspection of material, equipment or services under this Contract will be performed at the INEEL. Acceptance under this Contract occurs at the time BBWI authorizes final payment.

8. REPORTS AND DATA REQUIREMENTS

8.1. Vendor Data Turnaround: Subcontractor documents requiring submittal for review by BBWI shall be logged, reviewed, dispositioned and returned to the Subcontractor within 10 working days of receipt unless otherwise specified in this Contract or applicable documents hereto.

8.2. Address: Vendor data shall be sent to: Attention: Poole, Mary Annette, Bechtel BWXT Idaho, LLC, Mailstop 3915, 2525 Fremont Avenue, P. O. Box 1625, Idaho Falls, ID 83415-3915.

8.3. Omission of data requirements from any summary data list provided under this Contract shall not excuse Subcontractor from furnishing all data required by applicable specifications.

9. ADMINISTRATION

9.1. Procurement Expediting: Deliverables required under this Contract are subject to formal procurement expediting by the authorized BBWI expediting representative. Expediting authority and methodology includes all actions required to coordinate, status, support, verify, and assure supplier performance and delivery in accordance with the requirements, terms, and conditions, as defined herein.

Document ID:SPC-518
Revision ID:0
Effective Date:01/14/04

A-E Performance Specification

PROJECT NO. 23927

Retrieval and Airlock Tents for the Accelerated Retrieval Enclosure for Area G, WMF-697

Idaho National Engineering
and Environmental Laboratory

Form 412.14
10/9/2003
Rev. 05

412.15
10/31/2002
Rev. 04

DOCUMENT MANAGEMENT CONTROL SYSTEM (DMCS)
DOCUMENT APPROVAL SHEET

1. Document Identifier: SPC-518 2. Project File No. (optional): 23927 3. Revision No.: 0
4. Document Title: Retrieval and Airlock Tents for the Accelerated Retrieval Enclosure for Area G, WMF-697
5. Comments:

SIGNATURES

6. Type or Printed Name / Signature	7. Signature Code	Date	8. Organization/ Discipline
Dianne E. Nishioka		12-22-03	3K12
			Architectural Designer
Stephanie L. Austad, P.E.		12-22-03	3K12
			Project Engineer, Checker

9. Document Control Release Signature: Date:

RECORDS MANAGEMENT

10. Is this a Construction Specification? Yes ☐ No ☒ 11. NCR Related? Yes ☐ No ☒
12. Does document contain sensitive, unclassified information? ☐ Yes ☒ No If Yes, what category:
13. Can document be externally distributed? Yes ☒ No ☐
14. Area Index Code: Area 098 Type 0671 SSC ID ARP, R&AT
15. Uniform File Code: 6102 16. Disposition Authority: ENV1-h-1 Record Retention Period: See LST-9
17. For QA Records Classification Only: Lifetime ☐, Nonpermanent ☒, Permanent ☐
Item or activity to which the QA Records apply:
18. Periodic Review Frequency: N/A ☐, 5 years ☒, or Other

CONTENTS

1. SUMMARY

1.1 General

The Subcontractor shall design, furnish, ship to the site, and supervise the installation of a frame-supported, tensioned-membrane (fabric) building system, complete, as shown on the attached sketches and as specified herein. This tensioned-membrane system will function as a weather protection enclosure for a waste retrieval process utilizing a manned excavator and an associated airlock system. Therefore, the project is entitled the Retrieval and Airlock Tents. The pertinent conceptual sketches are appended to this specification section to provide a general overview of the enclosure.

The tensioned-membrane system shall provide capabilities for expansion as well as moveability.

1.2 Work Included

The work includes, but is not limited to the design, manufacturing, and installation phases, as described below.

1.2.1 Design Phase

The Subcontractor shall design the fabric structure and foundation per the specifications and conceptual sketches included herein. Deliverables produced during the design effort will include calculations and drawings.

Specific deliverables required at the end of the design work phase are "D" size shop drawings illustrating construction details, structural calculations, and product literature depicting all parts and materials of the structure.

1.2.2 Manufacturing Phase

The fabric structure will be manufactured and shipped to the INEEL for erection by Others. INEEL quality representatives and design engineers will make in-plant inspection of the fabrication process.

1.2.3 Installation Phase

The building manufacturer will provide a full-time installation supervisor for the duration of 4 weeks to oversee the erection of the fabric structure. The INEEL Site Stabilization Agreement requires site construction by workers supplied by local trade unions. Therefore, the building erection will be by local union ironworkers.

1.3 Work Not Included

Erection of the building.

If pre-cast concrete ballast blocks are required for the foundation system, the complete design for the system shall be provided by the Subcontractor. Pre-cast concrete ballasts (blocks), fabricated to the Subcontractor's requirements will be supplied by the Contractor.

1.4 INEEL-furnished Materials, Equipment and Services

Not applicable

2. APPLICABLE CODES, PROCEDURES, AND REFERENCES

2.1 National and Local Codes

The following Codes and Standards, including others referenced therein, form a part of this Section to the extent specified herein.

- American Institute of Steel Construction (AISC)

  AISC (ASD) — Specification for Structural Steel for Buildings—Allowable Stress Design (ASD).

- American Institute of Steel Construction (AISC)

  AISC (LRFD) — Specification for Structural Steel for Buildings—Load and Resistance Factor Design.

- American Iron and Steel Institute (AISI)

  SG 503-76 — The Design and Fabrication of Cold Formed Steel Structures

- American National Standards Institute/Builders Hardware Manufacturers Association (ANSI/BHMA)

  ANSI/BHMA A156.2 — Bored and Preassembled Locks and Latches
  ANSI/BHMA A156.6 — Thresholds and Kickplates
  ANSI/BHMA A156.18 — Materials and Finishes

- American Society for Testing and Materials (ASTM)

A 36	Structural Steel
A 123	Standard Specification for Zinc (hot dip galvanized) Coatings on Iron and Steel Products
A 307	Carbon Steel Bolts and Studs, 60,000 psi Tensile Strength
A 325	High-strength Bolts for Structural Steel Joints
A 500	Standard Specification for Cold-formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
A 563	Carbon and Alloy Steel Nuts
A 992	Steel for Structural Shapes for Use in Building framing

- American Society of Civil Engineers (ASCE)

ASCE 7-02	Minimum Design Loads for Building and Other Structures

- American Welding Society (AWS)

D1.1	Structural Welding Code – Steel

- Canadian Standards Association (CSA)
- International Conference of Building Officials (ICBO)

ICBO IBC 2003	International Building Code

- National Electrical Manufacturers Association (NEMA)
- National Fire Protection Association (NFPA)

NFPA 70	National Electrical Code (NEC)
NFPA 101	Life Safety Code, 2000
NFPA 701	Standard Methods of Fire Tests for Flame Resistant Textiles and Films
NFPA 780	Standard for the Installation of Lightning Protection Installation, 2000

- Research Council on Structural Connections
- Specification for Structural Joints Using ASTM A325 or A490 bolts.
- Underwriters Laboratory References (UL)

2.2 Industry Procedures and DOE Orders

Not Applicable.

2.3 Military (National) Specification

Not Applicable.

2.4 Related Specifications

Not Applicable.

2.5 References (such as Past Designs, Drawings, and Reports)

2.5.1 Sketches

2.5.2 NQA –1 applicability matrix

3. TECHNICAL REQUIREMENTS

3.1 General

This work includes the design of a complete relocatable, prefabricated tension membrane (fabric) structure. The structural membrane shall be tensioned over the framework. The side and gable walls of the structures shall be vertical. Alternate building systems may be proposed provided they meet the dimensional constraints and can be tightly sealed against airflow infiltration. Alternate system specifications, details and layout drawings must be provided as part of the proposal for evaluation. The interior of the structure shall provide clear space as shown on the referenced sketches and shall provide unobstructed floor space.

Sidewall entry/exit doors and vertical fabric rollup door openings shall be provided with snow slide canopies to protect personnel and deflect the snow away from foot and vehicular traffic.

The structure shall include all accessories and items required and necessary to meet the scope, intended use, and function as specified. The building shall be insulated and allow, to the extent possible, natural light to enter the building interior through the fabric/liner/insulation system. The end bays of the Retrieval Tent shall allow for expansion through addition of bays where a longer enclosure is needed.

3.2 Restrictions

Penetrations, required for anchorage of building or other equipment, shall not exceed 36 in. below existing grade into the waste pit areas that lie underneath the building site.

3.3 Performance Requirements

3.3.1 General

The structure shall be designed in accordance with recognized building code standards using methodology from the International Building Code (IBC). Primary and secondary framing shall comply with current issues of AISC, AISI, NEMA and ASTM specifications, as applicable. Structural members shall not be designed in excess of their allowable stress limits (allowable stress design) or the limit state stress (Load Resistance Factor Design) for the design loads given below. Appropriate safety factors to yield and ultimate must be maintained. Wind load factors and coefficients used in design of the structural members must be in accordance with IBC (ASCE 7-02) guidelines.

3.3.2 Roof Loads

At a minimum, the structure shall be capable of supporting a roof live load of 20 lb/ft^2 projected over the entire roof area or a portion of the roof area, and any probable arrangement of loading resulting in the highest stress in the members.

3.3.3 Wind Loads

The structure shall be capable of withstanding steady wind loads from any direction of 90 mph. The structure shall be designed using an exposure category "C" and importance factor of 1.0 for determining design wind pressure of the structure. The methodology is to be taken from the IBC (ASCE 7-02). Properly conducted wind tunnel tests may be used for the determination of wind loads as specified by ASCE 7-02. However, in no event shall the wind load used in the design of the main wind force resisting system be less than 10 lb/ft^2 multiplied by the area of the building or structure projected on a vertical plane that is normal to the wind direction.

3.3.4 Snow

The structure shall be capable of withstanding a snow load calculated in accordance with the IBC (ASCE 7-02) using a ground snow load of 35 lb/ft^2 and an Importance Factor of 1.0.

3.3.5 Rainfall

The structure shall be capable of withstanding the effects of rainfall up to 1.6 in./hour for at least 2 hours.

3.3.6 Seismic

Seismic loads shall be determined and applied in accordance with the IBC with parameters as follows: S_s period acceleration = 0.357g, 1-sec acceleration, S_1 = 0.131g, Site Class C, Seismic Importance Factor = 1.0 for structures and components, and Seismic Use Group I.

3.3.7 Fire Protection Seismic Loads

Not applicable.

3.3.8 Collateral Loads

The structure shall be capable of supporting all additional dead loads, other than the weight of the building system, such as mechanical HVAC systems and electrical systems at a minimum collateral loading of 10 lb/ft^2.

3.3.9 Perimeter Equipment Loads

The structure shall be designed to support a 100 lb/ft load around the perimeter of the tents. Provide intermediate structural supports and braces as necessary to support this requirement. See reference sketches for suggested locations of braces and for height requirements of supports and braces.

3.3.10 Ventilation Loads

The Retrieval Tent and Airlock Tent shall be designed to withstand a sustained operation pressure of -0.3 in. water gauge (IWG). Consider the ventilation load as a dead load for load case combinations.

3.3.11 Deflection

The maximum allowable deflection of structural members shall not be more than 1/180 of the clear span of that member when subjected to the design loads described herein.

3.3.12 Design Load Cases

The design shall be based on load cases as required by the latest issue of the IBC.

3.3.13 Foundation Design

The building manufacturer shall provide the Contractor with a copy of the foundation requirements, anchor bolt plan (applicable to the Airlock Tent only), truss, leg truss line locations, and reactions. The Airlock Tent will be placed on a continuous concrete slab (4 in. minimum thickness). The anchor bolt plan shall show the anchor bolt(s), material, number, size, location, projection, and spacing. Design of the foundation for the building shall be based on the maximum column/truss reactions as determined and provided by the building manufacturer.

The Retrieval Tent base perimeter frame shall be fabricated from steel and shall be attached to a perimeter foundation system with adequate capabilities to hold down the required enclosure system without driving anchors into the surrounding waste below. See Section 3.2 for limitations on ground anchors.

3.3.14 Dimensions and Layout

The structure shall have the following min/max dimensional constraints:

A. Retrieval Tent:

Overall width:	170 ft exterior width
Overall length:	288 ft exterior length
Clear inside height (minimum):	20 ft interior height
Peak height:	as required to maintain a minimum 3 in 12 slope

B. Airlock Tent:

Overall width:	50 ft exterior depth
Overall length:	74 ft exterior width
Clear inside height (minimum):	17 ft interior height
Peak height:	as required to maintain a minimum 3 in 12 slope

NOTE: Dimensions noted above are optimal.

Design roof transition between the airlock tent and retrieval tent roofs to provide adequate drainage of rain and shedding of snow.

3.3.15 Structural Frame

1. Roof and Wall Surfaces: The structure shall be designed such that roof and vertical sidewall surfaces form flat planes such that the building is compatible with standard door, window and ventilation systems.

2. Purlin Spacing: To provide for structural stability, to minimize unsupported areas of membrane fabric in the roof, and to provide for installation of accessory items, the main structural trusses shall be laterally braced by purlins at intervals not to exceed 7 ft over the entire arch span.

3. Wind and Frame Bracing: The structure shall be designed with main wind bracing cable or rod assemblies as well as any required secondary node restraint assemblies so as to efficiently transfer wind, snow, and seismic induced stresses to the foundation/anchoring system. Cable diameter for main wind bracing shall be a minimum of 3/8-in. diameter and larger if so required. The end bays of the structure shall be designed for "X"-bracing installation as early as possible to provide permanent stability. The structural frame shall be provided with engineered attachment clips or lugs for all main cable assemblies. These clips shall be minimum 3/8-in. thick A36 steel and shall be designed to properly transfer wind forces within the structural frame. It should be noted that bracing cables or rods extending beyond the fabric building perimeter shall not be allowed. All required bracing shall be contained within the perimeter of the steel support structure. Reference Grounding Section below.

4. Connecting Joints: Connections between structural elements shall be properly designed with required safety factors so as to transfer the maximum compressive and tensile forces present in a given joint. If those elements are electrically conductive, then the connection must also provide for good electrical grounding across the connection.

5. Mechanical Equipment Interface: The main structural roof trusses shall allow for installation of electrical or mechanical equipment below the truss structure. No materials shall be allowed to be placed within the membrane cavity. Likewise, the structure shall accept penetrations through the membrane assembly for access doors, mechanical services, and electrical services with minimal modification. The location and size of the large penetrations are shown on the conceptual sketches.

3.3.16 Membrane Cladding System

1. Continuous Weather-Tight Membrane: The structure's membrane shall form a continuous, uninterrupted weather-tight shell over the framework. To provide for a good finished appearance and to ensure weather tightness, the gable wall cladding shall be

manufactured so as to be connected in one piece to the adjacent sidewall and roof cladding without the use of caternary cables. Wall-to-roof fabric panels shall be glued or heat welded together to maximize air tightness. Alternative methods that provide a weather-tight assembly shall be submitted for review.

2. Liner Membrane: An interior liner membrane shall be provided on the interior of the Retrieval Tent structural members to enclose building members and make decontamination operations simpler. The membrane may be attached to the inside cord of the building trusses. All liner support materials must be of noncombustible construction.

3. Cladding Section Joints: Adjacent cladding sections shall be provided either with a mechanical tensioning system or shall lace together with a minimum 1/4-in. white polyester braided rope so as to maintain cladding tension along the length of the building. Proper gaps shall be maintained between sections so as to allow sufficient distance to enable full tensioning of the material.

4. Overlap Seams: The membrane system cladding panels shall be supplied with overlap joints to allow adjacent panels to be field heat-sealed or glued together. Alternative seaming systems shall provide a tight seal maintaining -.3 IWG.

5. Base Tensioning System: The cladding shall be provided with a mechanical tensioning system that allows the cladding to be fully tensioned around the structure perimeter. The system shall be designed such that the membrane can be tightly and neatly secured over the structural frame and such that the system has remaining range of adjustment. Cables used to tension cladding shall not extend beyond the perimeter tent foundation steel providing support for the Retrieval Tent.

6. Membrane Seal at Openings and Base: The structure supplier will provide all materials and methods necessary to fully tension and seal the membrane material around all door, ventilation, and other openings; all joints continuous between membrane systems; and around the structure perimeter below the main tensioning system. This seal shall provide a neat and finished appearance and eliminate any loose cladding that could otherwise be damaged by flapping or abrasion. An adequate base skirt shall be provided and attached at the base perimeter to allow a reasonable seal against air and water intrusion.

7. Design Safety Factor: The attachment and tensioning system shall be designed such that the complete system allows a factor of safety at design loads of at least three times the theoretical design strength of the cladding material. The structure's membrane shall not be designed to function as a structural member such that, should any damage to the membrane occur, the integrity of the structural framework shall not be affected.

3.3.17 Operation and Use

The structure shall be designed to provide a minimum 10-year operational use period. The structure shall be capable of being assembled, operated, and dismantled in all ambient temperatures between –20°F and 120°F. The fabric material shall be designated to withstand a maximum temperature of 150°F when stored in packing containers. The structure shall be designed such that a crew of five persons working with a trained supervisor can unpack and assemble the structure at a rate of approximately 1,750 ft^2/day (25 ft^2 per person hour) on a prepared surface. A similar crew shall accomplish disassembly at a rate of 2,000 ft^2/day. The structure shall be capable of accepting differential settlement up to 1% between truss positions.

3.3.18 Lightning Protection

The structure shall include a lightning protection system.

3.3.19 Grounding

All electrically conductive frame and bracing components shall be solidly connected together so as to provide a solid grounded electrical connection, or provisions in the form of ground connection pads or connectors for grounding jumpers shall be provided to bond all conductive parts of the supporting frame together. Grounding connections or pads shall also be provided on each corner of the tent structure for connection between the conductive metallic structure to the grounding electrode via a grounding electrode conductor.

3.4 Software

Not Applicable.

3.5 Registered Professional Engineer Certification

All design calculations shall be stamped by a Professional Engineer registered in the State of Idaho to practice civil or structural engineering.

3.6 Human Factors

Not Applicable.

3.7 Reliability and Maintainability

Not Applicable.

3.8 Site and Operating Environment

The soil characteristics for the foundation of the structure consists of compacted clayey silt material. See Section 3.3.17 for ambient temperature.

3.9 Environmental Regulatory Requirements and/or Site and Operating Requirements

Not Applicable.

3.10 Natural Phenomena Requirements (such as Seismic, Wind, and Flood)

Reference Section 3.3 above.

4. ENVIRONMENTAL, SAFETY AND HEALTH REQUIREMENTS

4.1 Subcontractor Safety

Not Applicable.

4.2 Personal Protective Equipment

Not Applicable.

4.3 Emergency Response

Not Applicable.

4.4 Accident Investigation

Not Applicable.

5. MANUFACTURING AND ASSEMBLY

5.1 General

All materials used in the structure shall be new, without defects, and free of repairs. The quality of the materials used shall be such that the structure is in conformance to the performance requirements specified herein.

5.2 Prohibitions

Not Applicable.

5.3 Material

5.3.1 Cladding/Liner Membrane

The structure shall be clad outside and inside with a coated polyester fabric manufactured by an approved supplier. Acceptable membrane suppliers include but are not limited to: Seaman, Ferrari, Protan and Heytex. The membrane fabric shall be waterproof, weatherproof, and free from defects. All roofs, walls, end walls, and connecting sections shall be weathertight and watertight. The material will be white. The material must be UV stabilized and flame retardant and must carry a minimum 5-year manufacturer's warranty. The minimum fabric specification is as follows:

Coated Weight:	24 oz/yd^2	(Method 5401)
Base Fabric Weight:	5 oz/yd^2	
Grab Tensile Strength, lb:	375/350	(Method 5100)
Trapezoidal Tear, lb:	50/60	(Method 5136)
Cold Crack Resistance:	-40°F	
Flame Spread Rating:	25 Maximum	(ASTM E-84)
Smoke Developed Rating:	450 Maximum	(ASTM E-84)

5.3.2 Metal

This standard specification is based on a the structural framework fabricated from steel. The primary material used in the structural arches shall be steel conforming to ASTM A36 or better specification. Flat bar and other shapes shall, at a minimum, be A36. All steel components shall be either galvanized, zinc plated, or painted.

An alternate frame fabricated from aluminum and complying with the structural requirements may be allowable in lieu of the steel. Design calculations required in section 3.2 shall be required for all alternate systems. Alternate material specifications shall be supplied as part of the bid process if they are proposed by the Subcontractor.

5.3.3 Fasteners

Fasteners subject to extreme stress and wear shall be structural bolts conforming to ASTM A325. Anchor bolts shall conform to ASTM A36 or A307. All other structural fasteners shall be of Grade 2 or higher. Other nonstructural fasteners such as wood screws, tek screws, etc., shall be of standard commercial quality. All fasteners shall be plated. All high-strength bolting (A325) shall be installed in accordance with the latest edition of the AISC Steel Specifications. Fasteners subject to removal or adjustment shall not be installed by force such as swaging, peening, or staking.

5.3.4 Membrane Tensioning Hardware

The fabric membrane shall be tensioned with load-rated hardware which is hot-dip galvanized so as to prevent corrosion. Tensioning hardware shall allow for full and free rotation at the foundation connection so as to avoid fatigue failure of threaded assemblies.

5.3.5 Exterior Trim

Battens or washers used for final seal of the membrane shall be either hot-dip galvanized, stainless steel, or aluminum to resist corrosion. Fasteners used for exterior trim work shall be stainless steel; zinc-plated, or hot-dip galvanized.

5.3.6 Welding

Welding shall be utilized only when specified in the original design. Welding shall be performed in accordance with AWS D1.1 or an equivalent AWS document applicable to the material being welded.

5.3.7 Workmanship

The workmanship of all materials and components of the structure shall be of commercial standard quality commensurate with the functional requirements of the item. Welded joints shall be as such that grinding of the finished welds is unnecessary. Welds shall have thorough penetration, good fusion, and shall be free from scabs, blisters, abnormal pockmarks, cracks, voids, scab inclusion, and other defects. Coated fabric shall be free of pinholes, thin or weak areas caused by abrasion, exposed fabric, blisters, tunnels, creases, wrinkles, delamination of coating, or places where coating is missing.

5.3.8 Building Signage (Letters)

Building signage will be provided in contrasting colored, self-adhesive or heat adhered material similar to pretensioned membrane. Provide two (2) sets, 3 ft high, Helvetica bold style font letters reading WMF-697. Locate at a height to be determined as optimal for visibility from the RWMC facility.

5.3.9 Moveable Frame Provisions (Lifting Kit or Alternate System)

Lifting Kit: Provide continuous, hot-dip galvanized, steel wide-flange foundation beam to evenly distribute forces when lifted. Provide lifting lugs welded to the top cord of the truss along with reinforcement plates. Provide preloaded lifting cables with swaged finished ends, shackles, and "D" rings. Provide any other accessories, temporary braces or materials necessary to move the enclosure without complete disassembly.

Alternative System: Provide alternative moving system(s), designed by supplier, specific to this application.

Moving Procedures: Provide detailed procedures for moving the enclosure. Include detailed instructions or drawings that have all the steps necessary to move the enclosure and its attachments.

The maximum distance for any moves will be maintained within an 88-acre area around the current location within the Subsurface Disposal Area (SDA).

5.3.10 Insulation

Provide an insulation system that will result in a minimum wall and ceiling insulating value of R-10 roof and R-8 walls. Insulation shall have a maximum flame spread rating of 25 and a smoke developed rating of 50.

If fiberglass insulation is used, it shall consist of 20% recovered materials.

5.3.11 Entry/Exit Doors

Provide personnel doors in sizes and types as shown on the sketches and as specified herein.

Provide all hardware, glazing, and all necessary framework, trim, and supports to install complete. The doors shall seal tightly to the building

wall, frame, and threshold to maintain a negative air pressure inside the building.

Personnel Doors: Provide galvanized steel doors and frames of 16-gage face sheets and welded corner hollow metal frames. Tops and bottoms of doors shall be flat and smooth except where the closer arm is mounted on top of the door. There will be no visible seams showing on the doors. All seams shall be welded and ground smooth. Doors and frames shall be factory painted with enamel paint of color as selected by the BBWI architectural design organization. Door shall be foam filled to achieve an R value of "5" minimum per square foot.

Provide doors with an insulated vision lite. Glazing shall be held in place by a painted hollow metal stop frame. Glazing shall be double pane, 1/4-in. clear tempered float glass or laminated safety glass panes, unit shall be 1 in. minimum thickness.

Reference Section on Emergency lighting and Exit Signs.

Door hardware: Provide the structure manufacturer's standard door, frame, and hardware including:

- Hinges
- Closer
- Weather stripping
- Door bottom sweep
- Threshold
- Exit Device
- Pull plate and lock.

5.3.12 Vertical Lift/Telescoping Doors

Provide vertical lift/telescoping, electric operation doors as indicated on the sketches and in the specifications.

The vertical lift/telescoping door operating assemblies shall include doors, guides, hardware, operators and installation accessories, to suit door openings and operation.

Doors shall be electrically powered vertical lift/telescoping doors as manufactured by Byron Epp, Inc., Milcor Telescoping Doors, Distributed by: Byron Epp, Inc., (877) 377-6030

Milcor Model. Doors installed in exterior application to withstand high winds and interior negative pressure applications.

Design criteria for the vertical lift/telescoping doors is as follows:

1. Design Conditions: Design of work shall include live loads, wind loads, deflections, temperature variations, stresses, expansion and contraction requirements, seismic forces and other like loads and conditions as specified elsewhere in this specification.

2. Loading: Work shall withstand a minimum uniform loading pressure, both positive (acting inward) and negative (acting outward), acting normal to plane and over gross area of door, of uniform static air pressure meeting requirements of ASTM E330, of 20 lb/ft^2.

3. Exterior Doors: These doors are exterior type.

4. Clear Open Position: When door is in full open position, entire door, including any appurtenances, shall clear jambs and head of door opening. In addition, vertical operating doors shall be of such a design that all of the components of the door blade area above the top of the opening's lintel when the door is in the full open position.

5. Operating Conditions: For interior or exterior environments. Able to handle a wind load of 90 mph without the use of any wind bars either pressing against the fabric or attached onto the fabric. Also the door shall be able to handle these conditions without the use of a solid bottom beam.

6. Operational Speed: Provide standard operational speed without ballast.

7. Door Construction shall be as follows:

   - **Side Guides:** Formed, 10 gage galvanized steel, shaped outer guides and detachable inner guides of manufacturer's standard design shall be provided with 3/8-inch x 3-inch × width of guide mounting and stiffener angle for anchoring to jamb framing. Both edges of guide shall have a continuous plastic edge strip.

- **Header Box:** Manufacturer's standard design, 10 gage galvanized steel construction, shall completely enclose factory installed motor, reducer, coupling, drive shaft, winding drums, steel lifting cable, switches, sprockets, bearings and all electrical wiring there in.

- **Curtain:** Formed of 22 gage hot-dip galvanized steel into inverted "U" shaped hollow sections. The curtain shall be operated by steel cables fabricated in accordance with Federal Specification RR-W-410 Type 1, Class 3, and shall be ¼-inch diameter #6x37IPS fiber core. The two cables shall be attached to the bottom section of the curtain and extend up through the remaining sections to winding drums in the header box. As the door closes, the nested sections shall descent as a unit at a speed of approximately 60 feet per minute. Individual sections shall peel off one at a time as hooks in their tip edges are engaged by the continuous bottom flanges of the sections above. When the door is fully closed, there shall be no strain on the cables. The bottom sections shall rest on the floor and each other section shall be supported by the one immediately above.

- **Sill:** Extruded aluminum with vinyl weatherseal shall house a minimum of three limit switches per bottom panel. Still shall be designed to adjust to a maximum of 2-inch floor differential.

- **Locking Devices:** Dual locking security bolts shall be provided to automatically engage in both side guides when door stops in the fully closed position, and unlocks automatically before door begins to travel upward. Should a cable fail, these locking security bolts shall engage in the next lower slot (approximately six total) in the side guides, stopping the downward descent of the curtain.

- **Thermal Transmittance Test:** ASTM-C236 shall yield a 0.51 "U" value for the complete door tested.

- **Air Infiltration Test:** ASTM-E-283 shall show draft exclusion-leakage of 0.93 cfm/linear foot of perimeter at 1.56 psf air pressure (25 mile per hour wind.)

- **Sound Transmission Test:** ASTM-E-90 shall show a class rating of 29.

- **Weatherseals:**

  - **Door Curtain Panel Weatherseals:** Continuous strips of fabric backed nylon pile shall be factory applied on the door curtain panels. Attached to both bottom flanges of each panel before the panel nest is assembled.

  - **Side Guide Weatherseals:** Continuous strips of closed cell sponge neoprene, factory assembled to the plastic wear strip, shall be provided for field application on the exterior side of the guides.

- Door curtain shall be designed and adjusted to prevent rattling when buffeted by wind.

8. Door to be such a design that not more than 2 cfm amount of air can pass through the door when it is in the fully closed position.

9. Door be equipped with a Safety sensor edge with series circuit reliability. Provide auxiliary hand-chain operation to include electric motor, brake, enclosed gearbox and limit switch.

10. Self Repair Feature: Must release fabric door immediately upon impact from side guides without tearing the fabric. Activation of the FIX ITSELF™ system shall not cause the door to stop. Door will continue in the direction it was moving unless the infrared eye or the SAFE EDGE™ system has been activated; only then will the door stop and reverse its direction. Upon activation, the door curtain will automatically reinsert itself into the side guides. Cover for side frames shall remain in place at all times. Doors which require the side covered to be unfastened and opened to reset a breakaway feature are not acceptable. FIX ITSELF™ feature must be totally self-repairing in all stages of the door's opening and closing cycle.

11. Door Actuation: A single pushbutton to open the door should be mounted on a control box cover located at interior side of the door and one additional remote three-pushbutton station located at exterior side of door, and loop detector with time delay close.

Electrical design criteria for the vertical lift doors is as follows:

1. General: Provide doors with associated electrical motors, control devices, enclosures, and like equipment and devices as required meeting applicable requirements of NFPA 70 and NEMA standards for type, enclosure, function and like characteristics relative to operation, location, and environment of door.

2. Available Electrical Power: Contractor will supply 480 3 phase or 240/120 Vac single phase. Subcontractor shall provide electrical requirements prior to delivery.

3. General: Coordinate current characteristics and wiring requirements with electrical system of building.Components:. Control devices shall be of a design suitable for a commercial exterior application. Automatic controls shall be complete with step-down transformers. Electrical components shall be factory wired where possible and ready for project site wiring. All electrical equipment and components shall be listed and labeled for the application/use by a Nationally Recognized Testing Laboratory, such as UL, CSA, etc.

4. Motors: Provide normal starting torque, reversible constant duty, Class A insulated electric motors of 1/2-hp minimum and with electromagnetic starter with thermal overload protection and lockout capabilities. Motor type shall be totally enclosed fan cooled.

5. Enclosures: Controllers, control devices, and like items shall have NEMA Type 3R enclosure for exterior use and NEMA Type 12 for interior use.

6. Control Location: Provide electrical control devices for doors on side of adjacent spaces with warmest operating temperature, except for exterior doors or as otherwise required.

7. Operator: Operator shall consist of motor and logic system. Provide electric motor assembly of design, type, size, and capacity as determined and furnished by door manufacturer for size, weight, performance function, and other characteristics of the door. Operators using brakes and clutches to stop the door's motion are not allowed. Operator to be of such a design that a brake is not required to hold the curtain up in the open position. Operator to be controlled by a frequency inverter.

8. Electric Control Panel: Electric control panel shall be fully assembled and ready for connection. All electrical equipment and components shall be listed and labeled for the application/use by a Nationally Recognized Testing Laboratory, such as UL, CSA, etc.

9. Control Panel Face: Control panel face should contain a rotary disconnect switch, an emergency stop pushbutton, and an open/close pushbutton.

Deliver, store, and handle door materials meeting instructions and recommendations of manufacturer. Deliver doors in an enclosed carton or crated to provide protection during shipment, handling, and storage. Door identification shall be marked on outside of each crate.

Furnish installation assistance services of an authorized and qualified factory mechanic of door manufacturer to give preparation, installation, and adjustment instructions; assist in startup operations; direct acceptance inspections and tests; and perform like services at project site as necessary.

Furnish operating and maintenance data for vertical lift doors and appurtenances. Include instructions for operations, adjustment, maintenance, including cleaning and repair, product data of manufacturer for each material and component, and schedules and parts lists. Also, include recommended cleaning agents and procedures.

Provide instructions and demonstrations to Contractor covering operation, adjustments, and maintenance of vertical lift doors. Furnish services of an authorized and qualified representative of door manufacturer to provide instructions and demonstrations.

Accessories: Furnish any inserts and anchoring devices that must be set in or embedded into supporting building construction for installation of vertical lift doors. Provide setting drawings, templates, instructions, and directions for installation of anchorage devices.

5.3.13 General Electrical and Communications (by Others)

Electrical power and communication circuit service is intended to be brought into the structure by others via a conduit running just under the structure wall and base plate, below the ground surface. General electrical distribution within the retrieval/airlock structure is not a part of this subcontract, and will be provided by others. All power distribution within the retrieval/airlock structure will be via temporarily installed flexible cords and connectors to portable plug connected equipment.

5.3.14 Emergency Lighting and Exit Signs

Emergency lights and signs are included in this subcontract and shall be provided at all exits. Mounting shall be to and above the door frame. These shall be flexible cord and captured plug connected devices. Power to these devices will be provided by others. (Including this in the subcontract ensures the mounting of the signs and exit lights will be acceptable/compatible with the vendor supplied tent structure and door frames.)

5.4 Fabrication

Welding shall be utilized only when specified in the original design. Welding shall be performed in accordance with AWS D1.1 or an approved alternate AWS standard.

5.5 Equipment Tagging

Not Applicable.

5.6 Cleaning, Painting, and Coating

All steel shall be primed and painted to prevent rust and corrosion.

5.7 Spare Parts

The Subcontractor shall provide all spare parts that may be required during a 2-year operating period. As a minimum, provide additional material, 5%, and adhesives for repair and patching of any damaged areas and sealing around large penetrations.

Reference Section 6.2.

5.8 Other Processes

Not Applicable.

6. SUBMITTALS

6.1 General Submittal Requirements

General Procedures: Vendor data, whether prepared by the Subcontractor or Subcontractor's subtier or supplier, shall be submitted as instruments of the Subcontractor. Therefore, prior to submittal, the Subcontractor shall ascertain that material and equipment covered by the submittal and the contents of the submittal itself, meet all the requirements of the subcontract specifications, sketches, or other contract documents.

Each submittal shall contain identification for each separable and separate piece of material or equipment, and literature concerning the information provided in the specification and on the Vendor Data Schedule. Submittals shall be numbered consecutively for each different submittal.

Vendor Data Schedule: Vendor Data required by this specification or the sketches to support design, construction, and operation of the project is identified on the Vendor Data Schedule included in Appendix A. The Vendor Data Schedule provides a tabular listing by item number, drawing or specification reference, and description of the item or service.

The type of submittal is identified by a "Vendor Data Code," and the time required to submit the item is identified by a "When to Submit" code. An "Approval" code specifies whether the submittal is for Mandatory Approval or for Information Only. One copy of routine paper or electronic file submittals is required; additional copies may be required by the Vendor Data Schedule. Electronic file submittals are preferred.

Construction Vendor Data Transmittal and Disposition Form: All vendor data shall be submitted to the Contractor using the Construction Vendor Data Transmittal and Disposition Form. The form provides the Subcontractor a convenient method to submit vendor data and provides the Contractor a means of dispositioning the submittal. The Subcontractor shall list the Vendor Data Schedule item number, a Vendor Data Transmittal tracking number (if applicable), the drawing or specification number reference, a Tag Number (if applicable), the submittal status (e.g., Mandatory Approval, Information Only, Re-submittal, or Or-equal), the Revision Level, and the Item Description. The description should include the heat or lot number for items requiring Certified Mill Test Reports.

Disposition by the Contractor: The Contractor's comments and required action by the Subcontractor will be indicated by a disposition code on the submittal. The disposition codes will be classed as follows:

A. "Work May Proceed." Submittals so noted will generally be classed as data that appears to be satisfactory without corrections.

B. "Work May Proceed with Comments Incorporated. Revise Affected Sections and Resubmit."

C. "Work May NOT Proceed. Revise and Resubmit." Submittals so dispositioned will require a corrected resubmittal for one of the following reasons:

    1. Submittal requires corrections, per comments, before final review.

2. Submittal data incomplete and requires more detailed information before final review.

3. Submittal data does not meet Subcontract document requirements.

D. "Accepted for Use. Information Only Submittal." Submittals so dispositioned will generally be classified as Information Only for as-specified material and equipment.

Mandatory Approval coded vendor data will be reviewed by the Contractor and receive an A, B, or C disposition. Information Only submittals without comments will receive a D disposition. A, B, and C coded dispositioned submittals will be returned to the Subcontractor. D dispositioned submittals will not be returned to the Subcontractor. The Contractor may provide internal review of Information Only submittals. In the event that comments are generated on an Information Only submittal, the submittal may be dispositioned B or C and returned to the Subcontractor for appropriate action. Acknowledgment of receipt of dispositioned vendor data by the Subcontractor will not be required.

The Contractor will return dispositioned submittals with reasonable promptness. The Subcontractor shall note that a prompt review is dependent on timely and complete submittals in strict accordance with these instructions.

6.2 Spare Parts and Special Tools List

Reference Section 5.7.

Material Patching Kit: Provide a material patching kit including instructions and procedures for patching material damage or penetrations. Provide a listing of all materials and tools necessary to accomplish the patching and a listing of the tools and materials including quantities to be provided.

6.3 Operating and Maintenance Manuals

Maintenance instructions and procedures shall be provided for the fabric-covered structure in a manual.

Submit operation and maintenance (O&M) manuals for vertical lift doors and operators. O&M manuals for manufacturer's standard items shall, unless otherwise specified, be the standard publication issued for the product by the manufacturer.

6.4 Drawings

6.4.1 Shop Drawings

Submit "D" size shop drawings on the building systems, including foundation plan, completely detailing all major trusses, purlin/girt locations, columns, membrane attachment details, door installation details, lightning protection air terminal sealing details, base connection details and anchor bolt plan, wall base conditions, and any other graphic information required to evaluate the complete structure including all dimensions.

6.4.2 Erection Drawings and Instructions

Submit an erection plan including erection drawings, instruction manuals showing complete erection layouts, details, installation instructions, and foundation/hold-down system and attachment details. Coordinate the erection drawings with piece marking identification.

6.4.3 Construction Details

Provide construction details (shop drawings) for entrance/exit doors and vertical lift doors showing plans, elevations, sections, and attachments, material descriptions, including electrical components, dimensions of individual components and profiles, finishes, and installation details.

6.4.4 Welding Package

Submit a weld package including, but not limited to, the following:

1. Welding procedure specifications and procedure qualification records. These procedures shall be referenced on the shop drawings, and erection drawings as applicable.
2. Welding personnel qualification records.
3. Subcontractor's nondestructive examination procedures.
4. Subcontractor's nondestructive examination personnel qualification records.
5. Procedures for the handling, storage, and control of filler and backing materials.
6. Weld histories including reports of each inspection, examination, and test.

7. Detailed weld repair procedures.

8. Weld repair reports including weld identification, welder identification number, test procedure, reason for rejection, number of repairs required, and documentation that weld is repaired and accepted.

9. Shop drawings showing all welds. All necessary information such as location, size, weld preparation, etc., shall be shown. The drawings shall differentiate between shop and field welds. The weld procedures and filler material to be used shall be indicated.

6.4.5 Warranties

A manufacturer's warranty for not less than 5 years shall be submitted for the cladding fabric. A warranty for not less than 2 years for the fabric service doors shall be submitted.

Provide warranties for the entrance/exit doors and vertical lift doors as specified in the Accessory Systems section of these specifications.

Provide roll-up door warranties:

1. General: Warranty roll-up door work meeting provisions of Conditions of the Contract, except warranty shall include additional requirements specified in this Article.

2. Coverage: Warranty shall be signed by Contractor, installer, and manucfacturer.

3. Time Period: Entire door for 2 years – Warranty time period for motor and gear box shall be 5 years.

6.5 Software

Not Applicable.

6.6 Design Calculations

Design calculations showing all loads specified shall be submitted. Design calculations shall include but not be limited to structural steel members (or alternate material systems) and anchor assemblies including perimeter foundation/hold-down system. All calculations shall be stamped by a Professional Engineer registered in the State of Idaho to practice civil or structural engineering.

7. QUALITY ASSURANCE

7.1 Minimum Qualifications of Manufacturer, Supplier, or Personnel

The design, fabrication, and erection supervision of the prefabricated tension membrane structural system shall be accomplished by a manufacturer who has been engaged in the fabrication of similar structures of the type and quality indicated for at least 10 years. All design work shall be done by Professional Engineers registered in the State of Idaho to practice civil or structural engineering with at least 5 years experience in the design of this type of structure. All drafting work shall be done on the latest release of AutoCad by experienced drafters with at least 2 years experience working on this type of building. Erection supervision will be performed by a person with at least 10 years experience installing buildings of this type.

7.2 QA Program

Provide an option for applicability of the American Society of Mechanical Engineers (ASME) NQA-1-1997 basic requirements to the scope of work identified in this document. An acceptable equivalent to ASME NQA-1-1997 is a Quality Assurance system implemented and maintained in accordance with International Organization for Standards (ISO) 9001 or American National Standards Institute Q9001, Quality Systems-Model for Quality Assurance in Design Development, Production, Installation, and Servicing. Specific criteria for implementation are listed in the ASME NQA-1 Applicability Matrix, appended to final contract.

7.3 Nondestructive Examination

Contractor will perform visual examination at the manufacturer's fabrication site for workmanship and quality of all materials and components of the structure, as specified in this specification.

Visual examination of welding will be performed in accordance with AWS D 1.1.

Regulatory Requirements (Codes and Standards): Comply with provisions of the following codes and standards, unless otherwise specified or approved:

A. Structural Steel—AISC (ASD), (Alternate codes or standards may be propose as part of the bid package.)

B. Design—International Building Code (seismic, wind, and snow loading).

7.4 Operational Testing

During construction, a -.3 IWG must be maintained. The tent assembly, all seams and penetrations must be sealable to support testing requirements to achieve this pressure.

7.5 Special Processes

Not Applicable.

8. PACKAGING AND SHIPPING

8.1 Packing and Packaging

Package and deliver structural frame members and accessories in a sequence to allow simultaneous erection and construction on site to proceed. Provide packing lists of all parts contained on each shipment which coordinate with the erection drawings.

Building fabric shall be rolled to accommodate ease of installation over the structural framing upon erection. Provide fabric packaging and installation instructions to the fabric supplier and the Contractor for review.

8.2 Marking and Handling

All individual parts or bundles of packages of identical parts are to be clearly marked for identification or otherwise identified by clear installation procedures. Bolts and fasteners shall be packaged according to type, size, and length. Loose nuts and washers shall be packaged according to size and type. The shipping documents shall include a shipping list showing the description, quantity, and piece mark of the various parts, components, and elements.

8.3 Special Transportation Requirements

At no time shall materials be dropped, thrown, or dragged over the transport equipment or the ground. Materials shall be protected at all times from standing water.

Transportation shall be provided by an established and recognized shipper, possessing U. S. citizenship required for access to the INEEL Site.

9. INSTALLATION AND MAINTENANCE

9.1 Installation

The building manufacturer will provide a full-time installation supervisor for a four-week duration to oversee the erection of the fabric structure. The INEEL Site

Stabilization Agreement requires site construction by workers supplied by local trade unions. Therefore, the building erection will be by local union ironworkers or other union trades as appropriate.

9.2 Startup and Calibration

Not Applicable.

9.3 Training

The full-time supervisor provided for the erection oversight by the building manufacturer shall fulfill the training required for access to the construction site.

9.4 Maintenance

Not Applicable.

10. MARKING AND IDENTIFICATION

Reference Section 8 above.

11. ACCEPTANCE

11.1 Final Acceptance Method

Final acceptance will be approved upon successful receipt inspection of complete assembly, complete Vendor Data Submittal approval of all items, and satisfactory erection and sealing and acceptance of documents.

11.2 Inspection and Hold Point

These requirements shall be determined by the Quality Inspector and contained in the Quality Requirements Document under separate cover.

11.3 INEEL Surveillance and Audits

Periodic on site visits to the building manufacturer its fabricators will be performed by the Contractor's Quality Inspector and design engineer.

12. ATTACHMENTS

See attached sketches.

QUALITY CLAUSES APPLICABLE TO CONTRACT NO. 00028777

January 15, 2004

1. Clause No. 121 - Standard Requirements Flow-Down : The Supplier shall incorporate all applicable Contract requirements into all Supplier-issued procurement documents. Flow-down of Contract requirements shall be verbatim, i.e., without change or modification. Lower-tier subcontracting, requires flow-down of all applicable requirements to each supplier, at any tier.

2. Clause No. 241 - ASME NQA-1-1997: The Supplier shall implement and maintain a quality system in accordance with the applicable elements ASME-NQA-1-1997, Quality Assurance Requirements for Nuclear Facility Applications, as defined by the Contractor, Form 414.12B, ASME NQA-1 Applicability Matrix.

3. Clause No. 412 - New and Unused: Unless otherwise specified, all materials, components, and parts, required by the Contract, including those permanently installed into systems, subsystem, and/or assemblies, shall be new and unused. Refurbished, rebuilt, or modified items are strictly prohibited unless specifically authorized by the Contractor.

4. Clause No. 437 - Certificate of Conformance: The Supplier shall certify that item(s) or service(s) delivered under this Contract conform(s) in all respects to the Contract requirements. Supplier certification shall be documented utilizing Contractor Form 540.04, Certificate of Conformance. Certifications shall be complete, accurate, legible, and reproducible. Incomplete or inaccurate certifications will be refused. Each certification shall be issued by the designated Supplier certifying authority in accordance with established Supplier certification procedures. Unless otherwise authorized, the Supplier's Certificate of Conformance shall be submitted With Shipment (WS), to the shipping destination.

5. Clause No. 451 - General: Unless otherwise specified, items required by the Contract shall be procured directly from the original manufacturer or an authorized master distributor. Items delivered under this Contract will be inspected by the Contractor for indications of suspect or counterfeit conditions. Detection by the Contractor of any suspect or counterfeit item leading to evidence of deliberate misrepresentation of any supplied item, may result in an investigation into the validity of certification, fraud, and/or forgery. Information and instruction regarding INEEL suspect/counterfeit issues and controls is available from the INEEL external home page at URL: http://www.inel.gov/procurement/formsdocuments.asp. From this web site, link to Subcontractors Requirements Manual (SRM) and select PRD-5008, Control of Purchased Items. Refer to Appendices A through F.

Clause No. 456 - Original Equipment Manufacturer (OEM):Manufactured equipment and assemblies delivered under this Purchase Order, shall exhibit the manufacturer's original labels and identification. Components associated with this item may contain potentially suspect or counterfeit items or materials (i.e., high strength fasteners, electrical components, mechanical devices, piping/piping system components, and/or raw-stock metals). The Supplier shall verify and assure the following:

6.1. Equipment or assemblies that contain high strength fasteners (i.e. grades 5, 8, 8.2, A325, and A490, internally/externally threaded and greater than 0.25 in diameter), shall exhibit both grade marks and the manufacturer's identification symbol (headmark), in accordance with the applicable specification (i.e., ASTM, SAE, etc). Fasteners with headmarkings identified on the Unites States Department of Energy (DOE) Headmark List, are PROHIBITED.

6.2. Equipment or assemblies containing or including high strength fasteners, which DO NOT exhibit both grade marks and the manufacturer's identification symbol , require contractor form 540.04, Certificate of Conformance, to identify actual fastener grade and specification.

6.3. Equipment or assemblies consisting of, or containing electrical components shall exhibit as applicable, legible amperage and voltage ratings, operating parameters, and the product manufacturers' labels and identification. Electrical components shall exhibit as applicable to the item or component, Underwriters Laboratory (UL) or Factory Mutual (FM) labels.

6.4. Equipment or assemblies consisting of, or containing mechanical, piping, and piping system components and/or parts, shall clearly exhibit and maintain all markings as required by the ordering data or specifications and the original manufacturer's labels and identification.

7. Clause No. 521 - Right of Access:The Contractor retains the right to audit, assess, inspect, witness, or test any and all work and/or products supplied under the terms of this Contract. Right of access to any and all Supplier or lower-tier Supplier facilities or work locations shall be afforded to the authorized Contractor representative at all reasonable times.

8. Clause No. 532 - Source Inspection: Source inspection or surveillance may be performed by the authorized Contractor representative in accordance with source inspection planning documents or in accordance with the Contractor-approved manufacturing plan submitted by the Supplier, or both. Contractor will identify to the Supplier, inspection hold points, beyond which work cannot proceed without written authorization from Contractor. Unless otherwise specified by the Contract, the supplier shall notify Contractor at least 5 (five) working days in advance of the time that the item(s) will be available for source inspection by the Contractor representative. All Supplier-generated documentation required to complete the source inspection action shall be submitted and approved prior to notification of item availability.

9. Clause No. 533 - Supplier Quality Release: The Supplier shall obtain a Supplier Quality Release (SQR) from the authorized Contractor representative prior to shipment of items required by this Contract to the specified final destination. The SQR shall be documented on Contractor form 414.20, Supplier Quality Release. Items received by the Contractor without the required SQR documentation, will not be accepted. Unless otherwise authorized by the Contract, the Supplier Quality Release documentation shall be included as With Shipment (WS) data.
10. Clause No. 541 - Receiving Inspection: All deliverables required by this Contract will be inspected and/or tested for acceptance by the Contractor at the final destination. Inspections/tests performed are intended to verify product compliance with the Contract requirements, to include all physical and chemical characteristics and all required documentation. All discrepancies in product quality and/or documentation will be documented and reported in accordance with the Contractors internal procedures. All reported discrepancies require resolution prior to acceptance and payment.
11. Clause No. 611 - Control of Nonconforming Items: Nonconformances identified by the Supplier, shall be controlled to prevent the delivery of nonconforming items to the Contractor . Any nonconformance which is not corrected by the Supplier, shall be reported to the Contractor on Form 540.33, Information/Change Request (I/CR), prior to delivery to the final destination. Nonconforming items reported via the I/CR shall be segregated and removed from further work or processing pending disposition of the I/CR by the Contractor.
12. Clause No. 721 - Manufacturing/Inspection/Test Plan: The Supplier shall submit a manufacturing and inspection/test plan as required by this Contract. The plan shall detail the fabrication, assembly, installation, inspection, examination, and/or test processes to be aerformed. The plan shall be submitted prior to Supplier initiation of any manufacturing, inspection, or test activity, for incorporation of Contractor source inspection hold points.
13. Clause No. 722 - Fabrication Release: The Supplier shall obtain written authorization from the Contractor prior to initiating any assembly, manufacturing, machining, or fabrication activity as required by the Contract. All vendor data identified as Before Fabrication Release (BFR) shall be approved by the Contractor prior to requesting written authorization for fabrication release. Contractor approval of all vendor data designated as BFR shall constitute the required written authorization to proceed with manufacturing or fabrication.
14. Clause No. 723 - Inspection/Test Data: Inspection or test data required by this Contractshall include the following, as applicable:
    14.1. Part, Drawing, and Specification No.;
    14.2. Serial No.;
    14.3. Heat/melt Identification of Raw Material;
    14.4. Lot Identification of Each Item;
    14.5. Characteristic Subject to Inspection;
    14.6. Inspection Sequence;
    14.7. Acceptance Criteria and Source;
    14.8. Inspection Results;
    14.9. Examination Method;
    14.10. Measure & Test Equipment (M&TE);
    14.11. Inspection Setup;
    14.12. Environmental Conditions;
    14.13. Test Personnel Identification; and
    14.14. Dated Approval Signature by Supplier authorized representative.

540.10
6/16/2003
Rev. 14

Subcontractor Requirements Manual (SRM) Applicability

Work Identifier/Description:	Technical Support in the Assembly and Erection of the ARP Retrieval Structure & Airlock

The Subcontractors Requirements Manual (SRM) is applicable to all or portions of the work performed under this Subcontract as specified herein. Work shall be performed in accordance with the SRM to the extent specified. Prior to initiating work, the Subcontractor and the assigned Subcontract Technical Representative (STR) shall review, acknowledge, and concur with SRM applicability, as defined herein.

The most current version of the Subcontractor Requirements Manual (SRM) is available online at:

http://www.inel.gov/procurement/formsdocuments.asp.

The SRM version in effect for this Subcontract is: TOC-59 Revision [33] or any subsequent version put into effect prior to award or any subsequent version put into effect during the performance period of the Subcontract.

For Reference Only
TOC-59 Table of Contents (TOC)
LST-27 Glossary
PDD-1001 Subcontractor Requirements Program Description

1000 Administration

- ☒ PRD-1002 Safeguards & Security Requirements
- ☒ PRD-1003 General Requirements
- ☒ PRD-1004 Stop Work Action
- ☐ PRD-1006 Safety Surveillance
- ☐ PRD-1007 Work Coordination & Hazard Control

2000 Safety & Health

☐ 2000 Series is incorporated as applicable to the work. Series 2000 consists of the following:

PRD-2001 Personal Protective Equipment
PRD-2002 Fall Protection
PRD-2003 Ladders
PRD-2004 Scaffolding
PRD-2005 Walking and Working Surfaces
PRD-2006 Aerial Lifts & Elevating Work Platforms
PRD-2007 Hoisting & Rigging
PRD-2008 Structural Steel Erection
PRD-2009 Compressed Gases
PRD-2010 Welding, Cutting, and Other Hot Work
PRD-2011 Electrical Safety
PRD-2012 Lockout & Tagout
PRD-2013 Concrete & Masonry
PRD-2014 Excavations & Surface Penetrations
PRD-2015 Hand & Portable Power Tools
PRD-2016 Material Handling Storage, and Disposal
PRD-2019 Motor Vehicle Safety
PRD-2020 Heavy Industrial Vehicles
PRD-2021 Powered Industrial Trucks
PRD-2022 Safety Signs, Color Codes, & Barriers
PRD-2023 Temporary Facilities
PRD-2024 Demolition
PRD-2025 Explosives Safety
PRD-2101 Hazard Communication
PRD-2102 Disease Control
PRD-2105 Lead
PRD-2107 Heat & Cold Stress
PRD-2108 Hearing Conservation
PRD-2109 Respiratory Protection
PRD-2110 Confined Spaces
PRD-2111 Exposure Assessments
PRD-2112 Lasers
PRD-2201 Flammable & Combustible Liquid Storage
PRD-2202 Fire Protection

3000 Radiological Control

☐ PRD-3001 Radiological Control

4000 Environmental

☐ PRD-4001 Environmental Requirements for Subcontractor Equipment and Service

5000 Quality Assurance

☐ 5000 Series is incorporated as applicable to the work.

- ☐ PRD-5001 Training & Indoctrination
- ☐ PRD-5002 Change Control
- ☐ PRD-5003 Vendor Data Control
- ☐ PRD-5004 Procurement Document Control
- ☐ PRD-5005 Procedure Development
- ☐ PRD-5006 Subcontractor/Supplier Quality Plan (SQP)
- ☐ PRD-5007 Document Control
- ☐ PRD-5008 Control of Purchased Items
- ☐ PRD-5009 Material Traceability
- ☐ PRD-5010 Weld Record Packages
- ☐ PRD-5012 Survey Equipment Calibration & Control
- ☐ PRD-5014 Test Control
- ☐ PRD-5015 Control of Measuring & Testing Equipment
- ☐ PRD-5016 Material & Equip. Storage, Handling & Maint.
- ☐ PRD-5017 Inspection & Test Status
- ☐ PRD-5018 Control of Nonconforming Items

472.46
07/07/2003
Rev. 02

SUBCONTRACTOR TERMINATION CHECKLIST

Bring this form with you on your last day.
Call 526-1563 for a checkout time.

Last Name _____ First _____ Middle _____ Termination Date _____

ɔ No.: _____ SSN: _____ Phone: _____ Technical Contact's Name: _____

Technical Contact Check **BBWI Subcontract No.:** _____

Procedure	What To Do	Completed? (Circle One)		
Resignation	• Subcontractor Termination Notification (Form 472.25) submitted	Yes	No	N/A
Library Material	• Return library or multimedia materials (526-1185)	Yes	No	N/A
Property Management	• Property pass terminated (Form 580.13) submitted	Yes	No	N/A
	• Pager returned	Yes	No	N/A
	• All provided property returned to the manager, supervisor, or technical leader	Yes	No	N/A
Computer Systems	• To transfer ownership of SecurID card, e-mail CRCS prior to termination (include card's serial number)	Yes	No	N/A
	• If you have access to classified computer system call (526-8563)	Yes	No	N/A
Keys	• All keys returned (Town 526-2310) (Site 526-0577)	Yes	No	N/A
Telephones	• Voice mail reassigned or disconnected (526-7333)	Yes	No	N/A
	• Telephone canceled (notify your organization telephone coordinator)	Yes	No	N/A
	• Reassign number dial "0"	Yes	No	N/A
	• Return telephone dial room access card (red card) MS-3407	Yes	No	N/A
Miscellaneous	• Organization combinations and passwords changed	Yes	No	N/A
	• Transfer all work files and information to the manager, supervisor, or technical leader	Yes	No	N/A

Subcontractor: I certify that I do not have in my possession U.S. Government property, materials, chemicals, precious metals, or classified materials.

Subcontractor's Signature _____ Date _____ Technical Contact's Signature _____ Date _____

ɾnal Dosimetry - Please call the following to determine whether or not termination whole body counts or bioassays are required. Termination whole body counts and bioassay must be arranged as far in advance as possible.	N/A	Date	Time	Initials
A. Termination whole body count 526-4738, or INTEC 526-3475, or SMC 526-4058	____	____	____	____
B. Termination urine sample 526-4738, or INTEC 526-3475, or SMC 526-4058	____	____	____	____
C. Termination fecal sample 526-4738, or INTEC 526-3475, or SMC 526-4058	____	____	____	____
D. Return dosimetry badge 526-2602	____	____	____	____

Stop! The Subcontractor Personnel Security representative will complete the following information at the time of your scheduled checkout. Please bring this form with you and be ready to exit the facility after the checklist has been completed. Call 526-1563 to schedule a checkout time.

Security	(Circle One)		
A. Termination checklist completed and signed	Yes	No	N/A
B. Termination by mail	Yes	No	N/A
C. Identification pass/key card (badge) returned	Yes	No	N/A
D. Transfer permit returned	Yes	No	N/A
E. Health and Safety permit card returned	Yes	No	N/A
F. Camera pass returned	Yes	No	N/A
G. Security and controlled keys returned or transferred	Yes	No	N/A
H. Classified documents returned or transferred	Yes	No	N/A
I. Security clearance terminated	Yes	No	N/A
J. Security termination acknowledgment form signed	Yes	No	N/A

ɔcontractor (did/did not) have knowledge to the combination to classified repository or access to alarm code.
ı yes, notification of required changes made to: _____

Security Representative Name _____ Security Representative Signature _____ Date _____

431.14
08/01/2001
Rev. 03

Vendor Data Schedule

Project Title RETRIEVAL AND AIRLOCK TENTS FOR THE ACCELERATED RETRIEVAL ENCLOSURE FOR AREA G, WMF-697

Project No. 23927 - 71341

System Engineer/ Project Manager NISHIOKA DIANNE E **Date:** 08-JAN-04

Rev: 0

Vendor Data Coordinator Address POOLE M ANNETTE, TSB-1WI404, MS: 3915

Vendor Data Codes

A. As-Built Drawings B. Assembly Drawings C. Attendance Record D. Blasting Plan E. Catalog Data F. Chem & Physical Analysis G. Concrete Mix Design H. Control System Diagram I. Design Calculations J. Installation Instructions	K. Manufacturers Data Report L. O&M Manual M. Parts List N. Piping Drawing O. Procedure/Instructions P. Pump Head Curves Q. Personnel Qualifications R. Red_line Drawings S. RSMI & Maintenance Log T. Sample(Color, Texture, etc.)	U. Shop Drawings V. Survey Records W. Test Procedure X. Special Processes Y. Operational/CC Testing Z. Test Reports AA. UL/FM Listing AB. Warranty/Guarantee AC. Weld Records AD. Wiring Diagrams	AE. MSDS AF. Hardware Schedule AG. Specification AH. Manufacturing/Inspection/Test Plan AI. Test Certification AJ. Recommended Spares AK. Special Tools List AL. Certificate of Conformance AM. Certificate of Disposal or Destruction AN. Design Verification	AO. Design Qualification Testing AP. Traceability Procedure AQ. Cleaning Procedure AR. Weld Procedure Qualificaiton AS. Welder Performance Personnel Qualifications AT. Non-Destructive Examination Personnel Certifications AU. Inspector Certifications AV. Limited Shelf Life/Operational Data AW. Special Packaging, Shipping, and Rigging Procedure AX. Certificate of Materials to ASME Code AY. Chemical Inventory AZ. Other

When to Submit

AC - As Completed AT - After Test BC - Before Contract Awarded	BFA - Before Final Acceptance BFR - Before Fabrication Release ROS - Removed Off-Site PDS - Prior to Delivery on site	PTP - Prior to Purchase PS - Prior to Shipment PT - Prior to Test	PTC - Prior to Construction Start PTI - Prior to Installation PTW - Prior to Welding	TS - Time of Shipment WP - With Proposal

Item No.	Clause/Article or Drawing/Specification Reference	Description	Vendor Data Code	Extra Copies Required	When to Submit	Approval Code
1	0.0 Subcontract	Material Safety Data Sheets	AE. MSDS	0	BFR - Before Fabrication Release	1. Mandatory Approval
2	3.3.13	Foundation design and calculations.	AZ. Other	0	PTC - Prior to Construction Start	1. Mandatory Approval
3	3.3.15 & 6.3.2	Certificate of Conformance (C of C's) for structural framing.	AL. Certificate of Conformance	0	PS - Prior to Shipment	1. Mandatory Approval
4	3.3.18	Lightning protection system design and certification tag	AA. UL/FM Listing	0	BFA - Before Final Acceptance	1. Mandatory Approval
5	5.2.16	Preliminary fabric sealing and fabric connection details.	AZ. Other	0	BC - Before Contract Awarded	1. Mandatory Approval
		Certificate of Conformance (C of C's) for exterior	AL. Certificate of		PS - Prior to	1.

6	5.3.1	cladding and interior liner membrane materials.	Conformance	0	Shipment	Mandatory Approval
7	5.3.10	Certificate of Conformance (C of C's) on insulation materials.	AL. Certificate of Conformance	0	PS - Prior to Shipment	1. Mandatory Approval
8	5.3.13, Item 5	Vertical fabric roll-up door electrical assembly and components listing.	AA. UL/FM Listing	0	PS - Prior to Shipment	1. Mandatory Approval
9	5.3.14	Emergency exit signs and lights.	AA. UL/FM Listing	0	PS - Prior to Shipment	1. Mandatory Approval
10	5.3.9	Retrieval tent and airlock moving procedures, instructions and drawings.	O. Procedure/Instructions	0	BFA - Before Final Acceptance	1. Mandatory Approval
11	6.2	Fabric certification of conformance to specification requirements.	AL. Certificate of Conformance	0	PS - Prior to Shipment	1. Mandatory Approval
12	6.3	Maintenance instructions and procedures for covered assembly fabric.	L. O&M Manual	0	BFA - Before Final Acceptance	1. Mandatory Approval
13	6.3	Assembly fabric patching kit including instructions and contents included in patching kit.	L. O&M Manual	0	BFA - Before Final Acceptance	1. Mandatory Approval
14	6.3	Operation and maintenance manual(s) for vertical fabric roll-up doors and operators.	L. O&M Manual	0	BFA - Before Final Acceptance	1. Mandatory Approval
15	6.3.3	Certificate of Conformance (C of C's) on fasteners.	AL. Certificate of Conformance	0	PS - Prior to Shipment	Mandatory Approval
16	6.4.2	Shop drawings of building structural system. Include item #9 of welding section or submit under separate covers.	U. Shop Drawings	0	BFR - Before Fabrication Release	1. Mandatory Approval
17	6.4.2	Erection plan, Erection drawings and Erection instruction manual(s).	U. Shop Drawings	0	PS - Prior to Shipment	1. Mandatory Approval
18	6.4.3	Entrance/exit doors/frames construction design and details.	U. Shop Drawings	0	PS - Prior to Shipment	2. Information Only
19	6.4.3	Vertical fabric roll-up doors design construction design and details.	AZ. Other	0	PS - Prior to Shipment	2. Information Only
20	6.4.6, Item 1	Welding procedure specifications and procedure qualification records.	AR. Weld Procedure Qualificaiton	0	PTW - Prior to Welding	1. Mandatory Approval
21	6.4.6, Item 2	Welding personnel qualification records.	AS. Welder Performance Personnel Qualifications	0	PTW - Prior to Welding	1. Mandatory Approval
22	6.4.6, Item 3	Nondestructive examination procedures.	O. Procedure/Instructions	0	PTW - Prior to Welding	1. Mandatory Approval
23	6.4.6, Item 4	Nondestructive examination personnel qualification records.	AT. Non-Destructive Examination Personnel Certifications	0	PTW - Prior to Welding	1. Mandatory Approval
24	6.4.6, Item 5	Procedures for handling, storage, control of filler and backing materials.	O. Procedure/Instructions	0	PTW - Prior to Welding	1. Mandatory Approval
25	6.4.6, Item 6	Weld histories including inspections, examinations and tests.	AC. Weld Records	0	PS - Prior to Shipment	1. Mandatory Approval
26	6.4.6, Item 7	Weld repair procedures.	O. Procedure/Instructions	0	PTW - Prior to Welding	1. Mandatory Approval
27	6.4.6, Item 8	Weld repair reports and documentation as described.	AC. Weld Records	0	PS - Prior to Shipment	1. Mandatory Approval
		Shop drawings showing				

28	6.4.6, Item 9	welds, location, size, prep, shop vs field, procedures and filler material, etc.	U. Shop Drawings	0	PTW - Prior to Welding	1. Mandatory Approval
29	6.4.7	Warranty on vertical fabric roll-up doors including motors and gear boxes.	AB. Warranty/Guarantee	0	BFA - Before Final Acceptance	1. Mandatory Approval
30	6.4.7	Warranty on fabric cladding material and systems.	AB. Warranty/Guarantee	0	BFA - Before Final Acceptance	1. Mandatory Approval
31	6.6	Design calculations performed by a P.E.	I. Design Calculations	0	BFR - Before Fabrication Release	1. Mandatory Approval
32	7.1	Manufacturer and personnel qualifications including records of experience.	Q. Personnel Qualifications	0	BC - Before Contract Awarded	1. Mandatory Approval
33	8.1	Packing and packaging procedures.	AW. Special Packaging, Shipping, and Rigging Procedure	0	PS - Prior to Shipment	1. Mandatory Approval

Instructions:

1. Refer to subcontract documents for instructions on submittals.
2. Electronic submittals in lieu of paper documents are acceptable and encouraged.
3. The normal number of copies required is ONE. If more are required, the number will be shown here.
4. THE INEEL WILL SCAN ALL SUBMITTED VENDOR DATA INTO A SYSTEM THAT IS ACCESSIBLE TO ALL INEEL EMPLOYEES UNLESS THE SUPPLIER/SUBCONTRACTOR IDENTIFIES SUBMITTED INFORMATION AS PROPRIETARY.

VENDOR DATA TRANSMITTAL & DISPOSITION FORM

FORM INSTRUCTIONS

The Supplier/Subcontractor shall utilize this form or an approved equivalent as a cover sheet for all vendor data submittals. Vendor data shall be submitted to the address specified in the Purchase Order / Contract.

Vendor Data shall be legible, reproducible, and comply with all applicable Purchase Order / Contract requirements. Vendor data submittals shall not be utilized to request deviations from, or changes to, the Purchase Order / Contract. Vendor data shall be submitted on a stand-alone basis. Reference to, or review of, previous submittals is prohibited. Vendor data shall clearly identify the submittal item and the submittal number to which it applies.

The Supplier/Subcontractor and all lower-tier suppliers shall perform no work for which the vendor data has not been reviewed and dispositioned by the Contractor in accordance with the Vendor Data Requirements.

Vendor data causing any change to design details, layouts, calculations, analysis, test methods, procedures, or any other Purchase Order / Contract requirements shall be identified to the Contractor utilizing Form 540.33, Information Change Request.

Most of the items on this form are self-explanatory, but the following items require clarification:

- *INEEL VDS Number:* The item from the INEEL-supplied Vendor Data Schedule that the submitted item is intended to address (in part or in full).
- *VDT Item Number:* IF more than one submitted line item will be used to satisfy a given INEEL VDS Number, THEN the Supplier/Contractor assigns a Vendor Data Transmittal (VDT) tracking number in x of y format (i.e. 1 of 4).
- *Tag Number:* The INEEL-supplied number that uniquely identifies Structures, Systems, or Components (SSC), or equipment items. This number will appear on drawings or specifications. If no number is available, leave this box blank.
- *Submittal Status:* Choose one of the following abbreviations:
    - MA – Mandatory Approval
    - IO – Information Only
    - OE – Or-Equal Item Submitted for Approval
    - RS – Re-Submittal
- *Revision Level:* Tracking number assigned by the Supplier/Subcontractor to identify re-submittals; the initial submittal is always revision level 0, and subsequent submittals are revision level 1, 2, etc.
- When last submittal for a schedule line is sent for review – note in the remarks field "Approval of this submittal will complete schedule line item number XX of this contract.
- *INEEL VDR Number:* The unique number assigned to a submitted vendor data item by the INEEL when it is entered into the Vendor Data System. NOTE TO SUPPLIER/SUBCONTRACTOR: Identify the assigned INEEL VDR Number on all re-submittals or revisions.
- *Disposition Code:* The INEEL approving authority assigns this code; disposition codes are:
    (A) Work may proceed.
    (B) Work may proceed with comments incorporated; revise affected sections and re-submit.
    (C) Work may NOT proceed. Revise and resubmit.
    (D) Received for Information Only.

VENDC DATA
TRANSMITTAL & DISPOSITION FORM

To be completed by Supplier/Subcontractor

Purchase Order or Subcontract Number: _____ Project Title/Number: _____

Submittal Number: _____ Supplier/Subcontractor Name: _____

Submittal Date: _____ Address: _____

INEEL VDS Item No.	VDT Item No.	Specification/ Drawing Reference	Tag Number	Submittal Status	Revision Level	Supplier/ Subcontractor Document Number (if applicable)	Description	INEEL VDR Number	Disp Code

Remarks

_____
Supplier/Subcontractor Authorized Signature / Date

To Be Completed by Contractor/AE

_____
INEEL Authorized Signature / Date

VENDC. DATA TRANSMITTAL & DISPOSITION FORM

Continuation Sheet

INEEL VDS Item No.	VDT Item No.	Specification/ Drawing Reference	Tag Number	Submittal Status	Revision Level	Supplier/ Subcontractor Document Number (if applicable)	Description	INEEL VDR Number	Disp Code

414.12B
03/18/2003
Rev. 09

ASME NQA-1 APPLICABILITY MATRIX

Materials/Services Description: Retrieval and Airlock Tents for the Accelerated Retrieval Enclosure for Area G WMF-697

Supplier shall implement and maintain a quality system in accordance with ASME-NQA-1-1997, Quality Assurance Requirements for Nuclear Facility Applications, as specifically defined by this matrix.

1. Organization
   - ☐ 100 Basic
   - ☐ 200 Structure and Responsibility
   - ☐ 300 Interface Control
2. Quality Assurance Program
   - ☒ 100 Basic
   - ☐ 200 Indoctrination and Training
   - ☐ 300 Qualification Requirements
   - ☐ 400 Certification of Qualification
   - ☐ 500 Records
3. Design Control
   - ☒ 100 Basic
   - ☐ 200 Design Input
   - ☐ 300 Design Process
   - ☐ 400 Design Analysis
   - ☐ 500 Design Verification
   - ☐ 600 Change Control
   - ☐ 700 Interface Control
   - ☐ 800 Software Design Control
   - ☐ 900 Documentation and Records
4. Procurement Document Control
   - ☒ 100 Basic
   - ☐ 200 Control of Procurement Documents
   - ☐ 300 Procurement Document Review
   - ☐ 400 Procurement Document Changes
5. Instructions, Procedures, and Drawings
   - ☒ 100 Basic

   Document Control
   - ☒ 100 Basic
   - ☐ 200 Document Control
   - ☐ 300 Document Changes
7. Control of Purchased Items and Services
   - ☒ 100 Basic
   - ☐ 200 Supplier Evaluation and Selection
   - ☐ 300 Bid Evaluation
   - ☐ 400 Control of Supplier Generated Documents
   - ☐ 500 Acceptance of Item or Service
   - ☐ 600 Control of Supplier Nonconformances
   - ☐ 700 Commercial Grade Items
8. Identification and Control of Items
   - ☒ 100 Basic
   - ☐ 200 Identification Methods
   - ☐ 300 Specific Requirements
9. Control of Processes
   - ☒ 100 Basic
   - ☐ 200 Process Control
   - ☐ 300 Responsibility
   - ☐ 400 Records
10. Inspection
    - ☒ 100 Basic
    - ☐ 200 Inspection Requirements
    - ☐ 300 Inspection Hold Points
    - ☐ 400 Inspection Planning
    - ☐ 500 In-process Inspection
    - ☐ 600 Final Inspection
    - ☐ 700 Records
11. Test Control
    - ☐ 100 Basic
    - ☐ 200 Test Requirements
    - ☐ 300 Test Procedures (Other than for Computer Programs)
    - ☐ 400 Computer Program Test Procedures
    - ☐ 500 Test Results
    - ☐ 600 Test Records
12. Control of Measuring and Test Equipment
    - ☒ 100 Basic
    - ☐ 200 Selection
    - ☐ 300 Calibration and Control
    - ☐ 400 Records
13. Handling, Storage and Shipping
    - ☒ 100 Basic
    - ☐ 200 Special Requirements
    - ☐ 300 Procedures
    - ☐ 400 Tools and Equipment
    - ☐ 500 Operations
    - ☐ 600 Marking and Labeling
14. Inspection, Test and Operating Status
    - ☒ 100 Basic
15. Control of Nonconforming Items
    - ☒ 100 Basic
    - ☐ 200 Identification
    - ☐ 300 Segregation
    - ☐ 400 Disposition
16. Corrective Action
    - ☒ 100 Basic
17. Quality Assurance Records
    - ☐ 100 Basic
    - ☐ 200 Generation of Records
    - ☐ 300 Authentication of Records
    - ☐ 400 Classification
    - ☐ 500 Receipt Control and Retention of Records
    - ☐ 600 Storage
    - ☐ 700 Disposition
    - ☐ 800 Maintenance of Records
18. Audits
    - ☐ 100 Basic
    - ☐ 200 Scheduling
    - ☐ 300 Preparation
    - ☐ 400 Performance
    - ☐ 500 Reporting
    - ☐ 600 Response
    - ☐ 700 Follow-up
    - ☐ 800 Records

TERNAL USE ONLY

INITIATOR:		REV.:	0	DATE:	1/8/04

DOE Headmark List

ANY BOLT ON THIS LIST SHOULD BE TREATED AS DEFECTIVE WITHOUT FURTHER TESTING.

ALL GRADE 5 AND GRADE 8 FASTENERS OF FOREIGN ORIGIN WHICH DO NOT BEAR ANY MANUFACTURERS' HEADMARKS:

GRADE 5 GRADE 8

GRADE 5 FASTENERS WITH THE FOLLOWING MANUFACTURERS' HEADMARKS:

MARK	MANUFACTURER	MARK	MANUFACTURER
J	Jinn Her (TW)	KS	Kosaka Kogyo (JP)

GRADE 8 FASTENERS WITH THE FOLLOWING MANUFACTURES' HEADMARKS:

MARK	MANUFACTURER	MARK	MANUFACTURER
A	Asahi Mfg (JP)	KS	Kosaka Kogyo (JP)
NF	Nippon Fasteners (JP)	RT FM	Takai Ltd (JP) Fastener Co of Japan (JP)
H	Hinomoto Metal (JP)		
M	Minamida Sieybo (JP)	KY	Kyoei Mfg (JP)
MS	Minato Kogyo (JP)	J	Jinn Her (TW)
Hollow Triangle	Infasca (CA TW JP YU) (Greater than 1/2 inch dia.)		
E	Dalal (JP)	UNV	Unytite (JP)

GRADE 8.2 FASTENERS WITH THE FOLLOWING HEADMARKS:

MARK	MANUFACTURER
KS	Kosaka Kogyo (JP)

GRADE A325 FASTENERS (BENNETT DENVER TARGET ONLY) WITH THE FOLLOWING HEADMARKS:

	MARK	MANUFACTURER
Type 1	A325 KS	Kosaka Kogyo (JP)
Type 2		
Type 3		

Key: CA-Canada, JP-Japan, TW-Taiwan, YU-Yugoslavia

15 September 1995

540.33
04/15/2002
Rev. 00

INFORMATION/CHANGE REQUEST (I/CR)

Instructions

1. Enter Company Name as it appears on the INEEL Purchase Order or Contract.
2. Enter authorized Supplier representative employee name and valid EMAIL address.
3. Enter Date of Information/Change Request
4. Enter INEEL Purchase Order or Contract Number verbatim
5. Enter INEEL Procurement Agent name and valid EMAIL address.
6. Select and mark **ONE** box only. Combined requests for Information and Change are not permitted.
7. Enter specific Purchase Order or Contract requirement and/or subject matter. Provide specific reference (and attachments as necessary) to the applicable clause, specification, drawing, statement of work, etc...
8. Clearly and specifically identify Information or Change requested. Change Requests shall include clear and accurate justification and sufficient analysis to support the change. Identify price/delivery impacts, if any, and provide a clear documented basis.
9. Identify and mark any cost and/or schedule impacts associated with the request. Select 'None', if no price or delivery impact will result from approval of the request. Select 'None' for Information Requests.

Submit I/CR (E-mail preferred) to the Addressee identified in Box 5. Do NOT submit to any other INEEL location or individual.

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INFORMATION/CHANGE REQUEST (I/CR)

SUPPLIERS: Refer to Form Instructions for completion and submittal instructions.

FOR SUPPLIER USE ONLY

1. Supplier:	2. Supplier Representative: E-mail:
3. INEEL Purchase Order (PO)/Contract No.:	4. Date:
5. Addressee (INEEL Procurement Agent): E-mail:	6. ☐ Information Request (IR) ☐ Change Request (CR)
7. Requirement(s)/Subject (Reference Clause, Specification, Drawing, etc.)	
8. Information Requested or Requested Change (Attach additional sheets as required)	
9. Reply/Approval Effects: **Price:** ☐ Increase ☐ Decrease ☐ None **Delivery:** ☐ Extension ☐ Improvement ☐ None	

FOR INEEL USE ONLY

I/CR No.:	Date Received:	Date Distributed:
Reply (Attach additional sheets as required)		
Procurement Change Notice (PCN) Required ☐ Yes ☐ No	By:	Date:

Technical Representative: Sign, date, and return completed I/CR to Procurement Agent in accordance with MCP-3515, Procurement Document Change Control

SUPPLIER QUALITY RELEASE

SII/RII No:		Date:

I. General Information:			
Project Name:			
PO No:		Rev.:	
Supplier:			
Procurement Agent:			
Shipment:	☐ Partial ☐ Final		

II. Material Description

III. Release Checklist	
SII Plan Requirements Complete?	☐ Yes ☐ No ☐ N/A (If identified "No" provide explanation in comments section below)
I/CR's (form 540.33) and PCNs (form 540.32), If Required, Approved?	☐ Yes ☐ No ☐ N/A (If identified "No" provide explanation in comments section below)
Vendor Data (form 431.14) Complete Per Vendor Data Schedule?	☐ Yes ☐ No ☐ N/A (If identified "No" provide explanation in comments section below)
Procurement Agent Notified of Shipment?	☐ Yes ☐ No ☐ N/A (If identified "No" provide explanation in comments section below)
PSQE Notified of Shipment?	☐ Yes ☐ No ☐ N/A (If identified "No" provide explanation in comments section below)
☐ Conditional ☐ Unconditional	Explain conditional releases in comments section.

IV. Comments

V. INEEL Supplier Quality Representative Sign Off		
Supplier Quality Representative (SQR) Print/Type Name	Supplier Quality Representative (SQR) Signature	Date

VI. Supplier Approval For Shipment		
Procurement Agent Notified of Shipment	Date:	
Required Vendor Data Ready for Shipment	Date:	
Supplier's Representative Print/Type Name	Supplier's Signature	Date

This form does not constitute final acceptance. See instruction sheet.

SUPPLIER QUALITY RELEASE

INSTRUCTIONS

An INEEL representative will initiate (Form 414.20), "Supplier Quality Release" when required by Purchase Order or Subcontract.

Blocks 1 through 4 will be completed by an INEEL representative, and Block 6 by the Supplier.

1. Enter:
   Project Name
   PO Number
   Supplier
   Procurement Agent

2. Enter a brief description of items being released, including applicable drawing number(s), dash or item number(s), drawing revision letter, specification(s), and serial number(s).

3. Self-Explanatory

4. Record any unusual circumstance, such as a conditional release, outstandaing ICRs, PCNs, etc. If necessary use additional sheet(s).

5. INEEL representative signs and dates this Block when items 1 through 4 are completed.

6. The Supplier's representative shall sign and date, verifying the INEEL Procurement Agent listed in Block 1 has been notified.

7. Signature and date of the Supplier's authorized representative indicating shipping date.

8. In case of partial release, the supplier shall maintain copies of each sequential "Supplier Quality Release" and establish complete accountability of material release on final shipment.

9. Supplier shall include a copy of the completed form with each shipment.

OCCURRENCE NOTIFICATIONS AND REPORTING BY THE SUPPLIER

For directions on use refer to the Article by this name in the applicable General Provisions

1. Any activity which adversely affects the safety of another operating or construction contractor.

2. Any release of contamination beyond the facility fence, including contaminated personnel and equipment.

3. Suspected contamination, requiring survey of an employee's or visitor's house, vehicle, or other possessions.

4. Any unplanned activation of an emergency system.

5. Violation of Technical Specifications including Administrative Limits.

6. Any unplanned event which could result in public concern, (whether valid or not), e.g., report of a contaminated roadway which upon investigation proves incorrect.

7. Any discharge of hazardous or toxic material (planned or unplanned) to the environment.

8. Personnel contamination involving skin or personal clothing, resulting from inadequate work practices, procedures, or engineered systems.

9. Frequent, widespread, or systemic difficulty with quality and/or operability of new equipment and instrumentation.

10. Fire or property damage incidents less than Type A or B as defined in Doe Order 5484.1 "Environmental protection, Safety and Health Protection Information Requirements".

11. Serious physical injury to personnel.

12. Any other unscheduled outage or shutdown resulting in a delay of more that eight (8) hours.

13. Equipment or personnel actions that adversely affect facility operation.

14. Major theft or loss of equipment, material, components, plans or items.

15. Use of flammable, toxic, explosive, or other unsafe or dangerous processes, chemicals, materials, or methods previously banned or prohibited.

DEPRECIATION AND PAYMENT CREDIT SCHEDULE

Month	Payment Credit	Depreciated Building Value
0		**$1,275,000.00**
1	$45,704.00	$1,242,581.00
2	$91,408.00	$1,209,825.00
3	$137,112.00	$1,176,727.00
4	$182,816.00	$1,143,285.00
5	$228,520.00	$1,109,494.00
6	$274,224.00	$1,075,351.00
7	$319,928.00	$1,040,853.00
8	$365,632.00	$1,005,995.00
9	$411,336.00	$970,774.00
10	$457,040.00	$935,186.00
11	$502,744.00	$899,228.00
12	$548,448.00	$862,895.00
13	$594,152.00	$826,183.00
14	$639,856.00	$789,089.00
15	$685,560.00	$751,609.00
16	$731,264.00	$713,738.00
17	$776,968.00	$675,473.00
18	$822,672.00	$636,809.00
19	$868,376.00	$597,743.00
20	$914,080.00	$558,269.00
21	$959,784.00	$518,384.00
22	$1,005,488.00	$478,084.00
23	$1,051,192.00	$437,364.00
24	$1,096,896.00	$396,220.00
25	$1,142,600.00	$354,648.00
26	$1,188,304.00	$312,642.00
27	$1,234,008.00	$270,198.00
28	$1,279,712.00	$227,313.00
29	$1,325,416.00	$183,981.00
30	$1,371,120.00	$140,197.00

Note: Lease payments beyond 30 months will remain @ $3,154.00/month for the term of this Contract.